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PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: <b>Christian Bohris</b>	)	
	)	Art Unit: <b>3737</b>
Application No.: <b>10/627,578</b>	)	
	)	Examiner: <b>Brian L. Casler</b>
Filed: <b>July 25, 2003</b>	)	
	)	Atty. Docket No. <b>08340.105014</b>
Title: <b>System and Method for a Lithotripter</b>	)	

**INFORMATION DISCLOSURE STATEMENT**

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Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

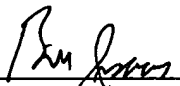
Sir:

Applicant cites the information on the attached Form PTO-1449, "List of Information Disclosed by Applicant," pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98. Applicant has enclosed a copy of each cited foreign patent document and non-patent literature.

Some items listed on the attached Form PTO-1449 are not in the English language. For German patent **DE19718511**, Applicant has cited corresponding U.S. Patent No. 6,036,661 which claims priority to the foreign patent. For German patent **DE4443495**, Applicant has cited corresponding U.S. Patent No. 5,836,898, which claims priority to the foreign patent. For German patent **DE4113697**, Applicant has cited corresponding U.S. Patent No. 5,287,856, which claims priority to the foreign patent. For German patent **DE4125950**, Applicant has cited corresponding U.S. Patent No. 5,269,306, which claims priority to the foreign patent. For German patent **DE3723815**, Applicant has cited corresponding International Patent Application No. WO8803782, which claims priority to the German patent.

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on 4/21/06.

  
\_\_\_\_\_  
William O. Isaacs, II, Reg. No. 44,165

Applicant submits that the respective patents and patent application claiming priority may include subject matter similar to the corresponding foreign patents and provide an explanation of the relevance of those documents.

Regarding European patent **EP139823**, which is in the German language, an English translation of the abstract is provided: "A sound-insulating metal bellows expansion joint consisting of a corrugated metal bellows (10) of which the ends widened out radially outwards to form an annular disc portion (12) are connected to attachment flanges (20) without metallic contact, characterized in that at least one of the attachment flanges consists of a sound-absorbing, non-metallic material which, at the inner periphery of the attachment flange (20), is vulcanized into the radially directed annular disc portion (12) of the bellows and is covered, at the side adjacent to the bellows meand , by a non-metallic ring (30), and that the side of the attachment flange (20) adjacent to the expansion joint is covered by an overlapping reinforcing ring (40) of steel sheet which is profiled in the shape of a hat and the inner opening (43) of which surrounds the peripheral surface (11) of the bellows with spacing."

The referenced German Language textbook by **Bachmann** is also available in the English language under the title, "ESWT and Ultrasound Imaging of the Musculoskeletal System." It is published by Steinkopff-Verlag and assigned ISBN code 3-7985-1252-3. A description of the textbook is provided: "Extracorporeal Shock Wave Therapy (ESWT) is a new method for the treatment of numerous chronic disorders of the musculoskeletal system: calcific tendinitis of the shoulder joint; lateral epicondylitis; medial epicondylitis; plantar fasiitis; and pseudarthrosis. Other indications are being investigated either in clinical studies or as empirical therapeutic possibilities of ESWT. This book gives a clear overview of the status of ESWT and ultrasound imaging into the management of musculoskeletal disorders covering explicitly the following topics: description of defined indications for ESWT; application of ESWT using ultrasound imaging for localization; presentation standard sectional planes for ultrasound examination of joints defined by the work group Musculoskeletal System of the German Society for Ultrasound in Medicin (DEGUM); and sonographic anatomy, application of ultrasound transducers and additional indications for ultrasound imaging."

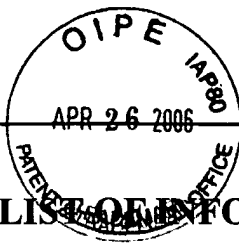
The citation of this information does not constitute an admission of priority or that any cited item is available as a reference, or a waiver of any right the applicant may have under applicable statutes, Rules of Practice in patent cases, or otherwise.

Respectfully submitted,



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FORM PTO-1449, Adapted

**LIST OF INFORMATION DISCLOSED BY APPLICANT***(Use several sheets if necessary)*

ATTY. DOCKET NO. <b>08340.105014</b>	SERIAL NO. <b>10/627,578</b>	FILING DATE <b>July 25, 2003</b>
APPLICANT <b>Christian Bohris</b>		GROUP <b>3737</b>

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	48,847	07/18/1865	Smith			
	AB	1,750,129	03/11/1930	Romine			
	AC	2,324,702	07/20/1943	Hoffman			
	AD	2,859,726	11/11/1958	Bouyoncos			
	AE	3,056,312	10/02/1962	Timpner			
	AF	3,249,177	05/03/1966	Chelminski			
	AG	3,505,880	04/14/1970	Riordan			
	AH	3,538,919	11/10/1970	Meyer			
	AI	3,555,880	01/19/1971	Menius Jr.			
	AJ	3,588,801	06/28/1971	Leonard			
	AK	3,783,403	01/01/1974	Hook			
	AL	3,997,853	12/14/1976	Morris			
	AM	4,189,026	02/19/1980	Elliot			
	AN	4,207,874	06/17/1980	Choy			
	AO	4,272,733	06/09/1981	Walling			
	AP	4,286,168	08/25/1981	Carr			
	AQ	4,286,455	09/01/1981	Ophir			

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA	4,336,809	06/29/1982	Clark			
	BB	4,336,858	06/29/1982	Loyzim			
	BC	4,398,790	08/16/1983	Righini			
	BD	4,493,653	01/15/1985	Robbins			
	BE	4,494,622	01/22/1985	Thompson			
	BF	4,546,960	10/15/1985	Abrams			
	BG	4,580,559	04/08/1986	L'Esperance			
	BH	4,639,923	01/27/1987	Tang			
	BI	4,641,912	02/10/1987	Goldenberg			
	BJ	4,642,611	02/10/1987	Koerner			
	BK	4,669,472	06/02/1987	Eisenmenger			
	BL	4,672,969	06/16/1987	Dew			
	BM	4,693,244	09/15/1987	Daikuzono			
	BN	4,721,108	01/26/1988	Heine			
	BO	4,798,196	01/17/1989	Nowacki			
	BP	4,807,626	02/28/1989	McGirr			
	BQ	4,819,621	04/11/1989	Ueberle			

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	CA	4,829,986	05/16/1989	Eichler			
	CB	4,962,752	10/16/1990	Reichenberger			
	CC	4,972,826	11/27/1990	Koehler			
	CD	5,046,483	09/10/1991	Ogura			
	CE	5,070,861	12/10/1991	Einars			
	CF	5,072,722	12/17/1991	Granz			
	CG	5,072,723	12/17/1991	Vieback			
	CH	5,072,960	12/17/1991	Sperko			
	CI	5,090,401	02/25/1992	Schwieker			
	CJ	5,149,030	09/22/1992	Cockrill			
	CK	5,209,221	05/11/1993	Riedlinger			
	CL	5,285,772	02/15/1994	Rattner			
	CM	5,301,659	04/12/1994	Brisson			
	CN	5,358,466	10/25/1994	Aida			
	CO	5,394,786	03/07/1995	Gettle			
	CP	5,409,002	04/25/1995	Pell			
	CQ	5,450,848	09/19/1995	Okazaki			

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	DA	5,572,569	11/05/1996	Benoit			
	DB	5,642,898	07/01/1997	Wise			
	DC	5,810,748	09/22/1998	Ueberle			
	DD	5,836,898	11/17/1998	Schwieker			
	DE	5,864,517	01/26/1999	Hinkey			
	DF	6,036,661	03/14/2000	Schwarze			
	DG	6,036,611	03/14/2000	Bigo			
	DH	6,119,034	09/12/2000	Herrmann			
	DI	6,135,357	10/24/2000	Herrin			
	DJ	6,276,471	08/21/2001	Kratzenberg			
	DK	6,386,560	05/14/2002	Calender			
	DL	2001/0048732	12/06/2001	Wilson			
	DM	2002/0125664	09/12/2002	Eriksson			
	DN	2003/0078523	04/24/2003	Burkhardt			
	DO	4,756,016	07/05/1988	Grady			
	DP	5,287,856	02/22/1994	Treiber			
	DQ	5,269,306	12/14/1993	Warnking			

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**08340.105014**

SERIAL NO.

**10/627,578**

FILING DATE

**July 25, 2003**

APPLICANT

**Christian Bohris**

GROUP

**3737****FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	TRANSLATION	
						YES	NO.
	EA	DE 197 18 511 C2	11/19/1998	Germany			
	EB	DE 37 23815 A1	06/09/1988	Germany			
	EC	DE 41 13 697 A1	11/05/1992	Germany			
	ED	DE 41 25 950 C1	11/05/1992	Germany			
	EE	DE 44 43 495	06/20/1996	Germany			
	EF	EP 0 367 116 B1	08/06/1994	Europe			
	EG	EP 0 445 322 A	09/11/1991	Europe			
	EH	EP 0 548 048 B1	02/14/1996	Europe			
	EI	EP 139823 A1	05/06/1985	Europe			
	EJ	UK2799	04/05/1906	UK			
	EK	USSR402070	04/23/1974	USSR			
	EL	WO 00/53263	09/14/2000	PCT			
	EM	WO 01/30281	05/03/2001	PCT			
	EN	WO 86/06269	11/06/1986	PCT			
	EO	WO 96/34567	11/07/1996	PCT			
	EP	WO 88/03782	06/02/1988	PCT			

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*(Use several sheets if necessary)*

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)		
FA		Wu, "Application of Hydroelastic Waves to the Removal of Small Gallstones," <u>Transactions of the AMSE</u> , Vol. 103, May 1981
FB		Bachmann, "ESWT und Sonographie der Stütz- und Bewegungsorgane," 1999, pp4-19
FC		Foster, "Flow Velocity Profile via Time-Domain Correlation: Error Analysis and Computer Simulation," <u>IEEE Transactions on Ultrasonics, Ferroelectrics and Frequency Control</u> , Vol. 37, No. 2, May 1990
FD		Bonnefous, "Time Domain Formulation of Pulse-Doppler Ultrasound and Blood Velocity Estimation by Cross Correlation," <u>Ultrasonic Imaging</u> , 8:73-86, 1986
FE		Madsen, "Torso Section Phantom for Ultrasonic Imaging," <u>Medical Physics</u> , Vol. 7, No. 1, Jan/Feb 1980
FF		R. F. Paterson et al., "Stone Fragmentation During Shock Wave Lithotripsy is Improved by Slowing the Shock WaveRate: Studies With a New Animal Model," <u>The Journal of Urology®</u> Vol. 168, pg. 2211-2215, November 2002, Copyright © 2002 by American Urological Association, Inc.®
FG		H. Wiksell, A.-C. Kinn, "Implications of Cavitation Phenomena for Shot Intervals in Extracorporeal Shock Wave Lithotripsy," <u>British Journal of Urology</u> , 1995, 75, pg. 720-723.
FH		P. Hubert, et al., "Influence of Shock Wave Pressure Amplitude and Pulse Repetition Frequency on the Lifespan, Size and Number of Transient Cavities in the Field of Electromagnetic Lithotripter," <u>Phys. Med. Biol.</u> 1998, 43, pg. 3113-3128.
FI		R. F. Paterson, et al., "Slowing the Pulse Repetition Frequency in Shock Wave Lithotripsy (SWL) Improves Stone Fragmentation <i>In Vivo</i> ," <u>Proceedings of the 17<sup>th</sup> International Congress on Acoustics</u> , Rome 2 <sup>nd</sup> -7 <sup>th</sup> September, 2001, pg. 200-201.
FJ		R. F. Paterson, et al., "An In Vivo Test of Shock Wave Rate Effect On Stone Fragmentation in SWL," <u>The Journal of Urology®</u> Vol. 165, No. 5, Supplement, June 6, 2001.

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